AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application

LISTING OF CLAIMS

Claims 1-13 (canceled)

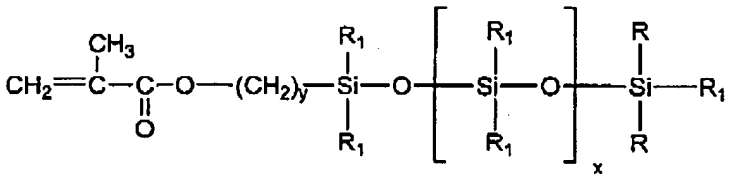
Claim 14 (currently amended): A method of producing ophthalmic devices from polymeric compositions produced through a polymerization of one or more macromonomers, said method comprising:

casting one or more polymeric compositions in the form of a rod;

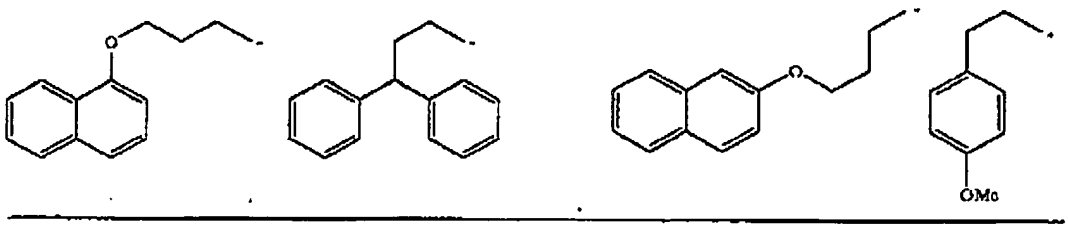
lathing or machining said rod into disks; and

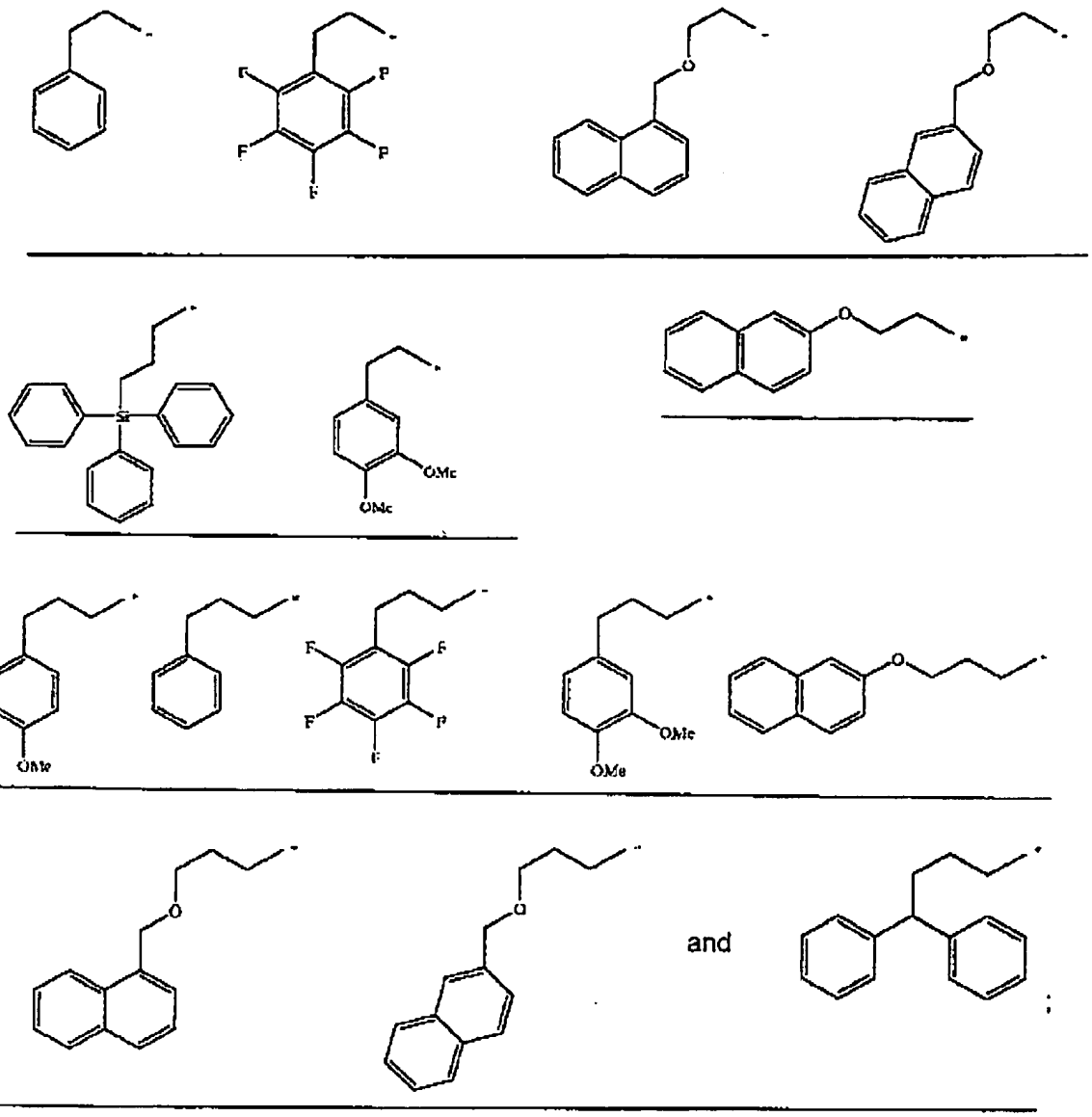
lathing or machining said disks into ophthalmic devices;

wherein said one or more macromonomers have ~~having~~ a formula of



wherein the R groups are the same or different; each R group ~~comprises an aromatic group covalently attached to a linking group~~ is selected from the group consisting of





and

R_1 is an aromatic-based substituent or an alkyl; x is a non-negative integer; and y is a natural number~~, said method comprising:~~

~~casting said one or more polymeric compositions in the form of a rod;~~

~~lathing or machining said rod into disks; and~~

~~lathing or machining said disks into ophthalmic devices~~.

Serial No. 10/692,387

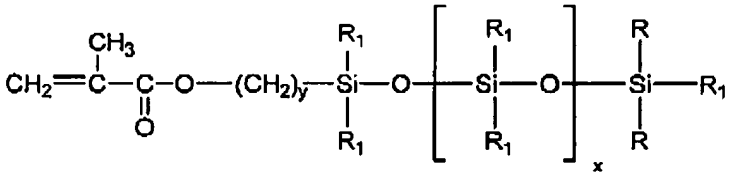
Claim 15 (currently amended): A method of producing ophthalmic devices from polymeric compositions produced through a polymerization of one or more macromonomers, said method comprising:

pouring one or more polymeric compositions into a mold prior to curing;

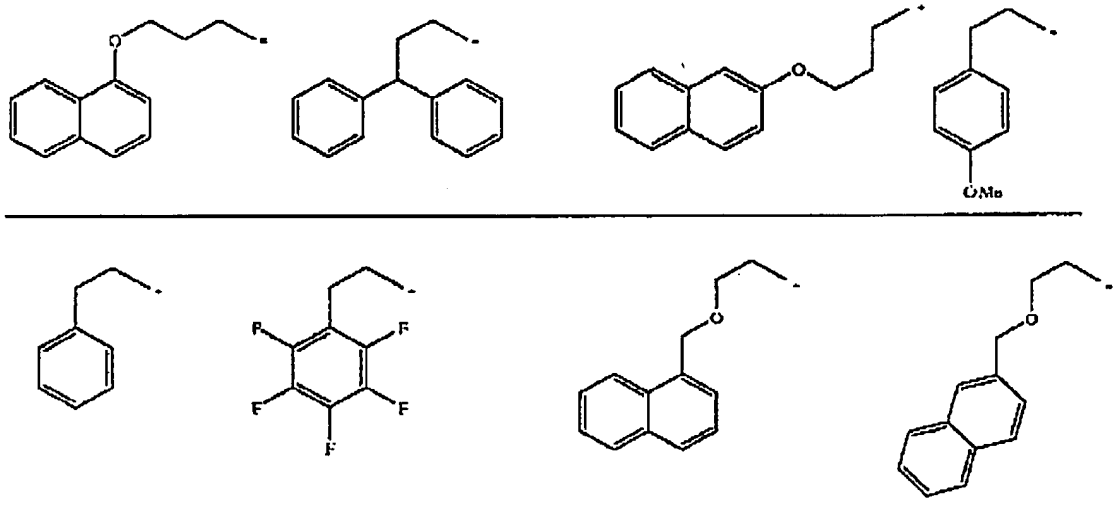
curing said one or more polymeric compositions; and

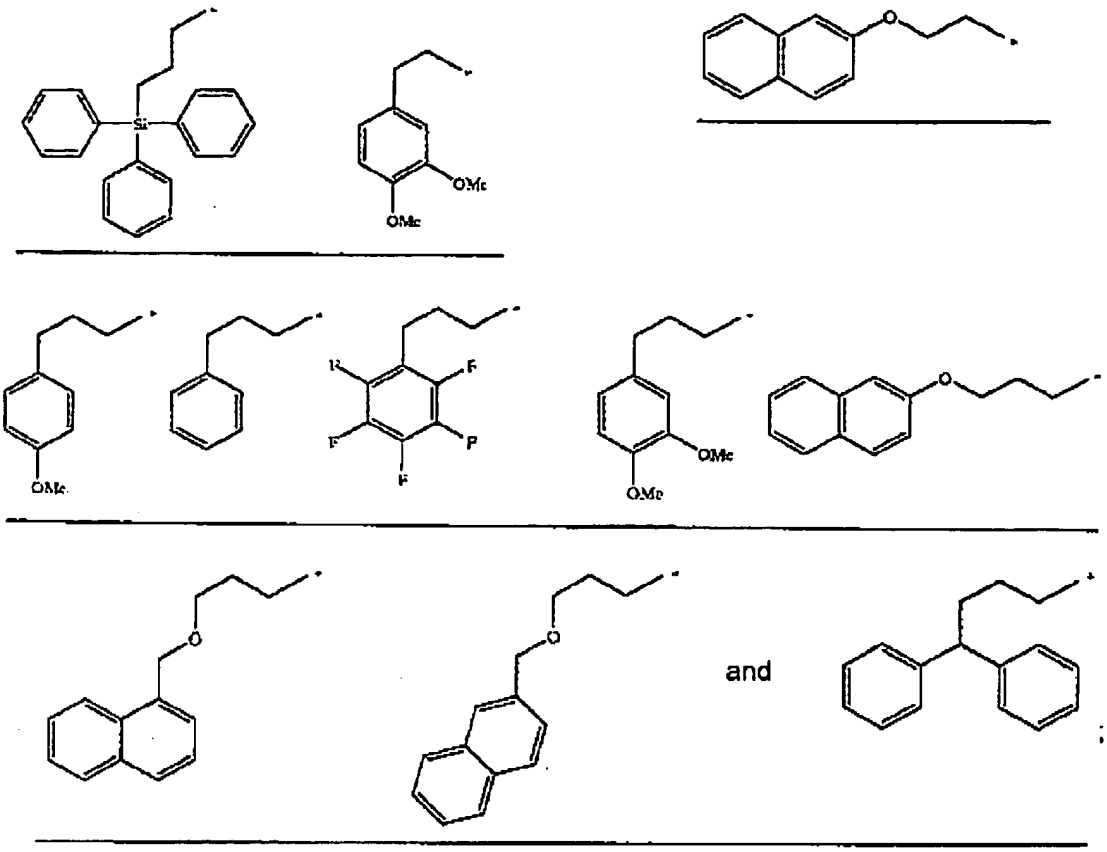
removing said one or more polymeric compositions from said mold following curing thereof;

wherein said one or more macromonomers have ~~having~~ a formula of



wherein the R groups are the same or different; each R group ~~comprises an aromatic group covalently attached to a linking group~~ is selected from the group consisting of





R_1 is an aromatic-based substituent or an alkyl; x is a non-negative integer; and y is a natural number~~, said method comprising:~~

~~pouring one or more polymeric compositions into a mold prior to curing;~~

~~curing said one or more polymeric compositions; and~~

~~removing said one or more polymeric compositions from said mold following curing thereof~~.

Claims 16-17 (canceled)

Claim 18 (previously presented): The method of claim 14, 15, 21, 22, 23, 24, 25 or 26 wherein said ophthalmic device is a contact lens.

Claims 19-20 (canceled)

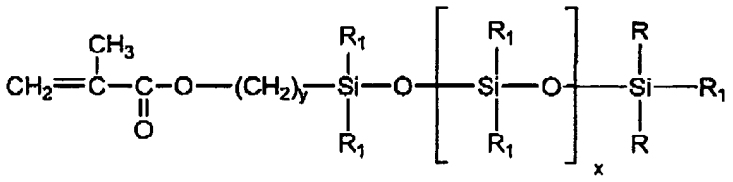
Claim 21 (currently amended): A method of producing ophthalmic devices from polymeric compositions, said method comprising:

casting one or more polymeric compositions in the form of a rod;

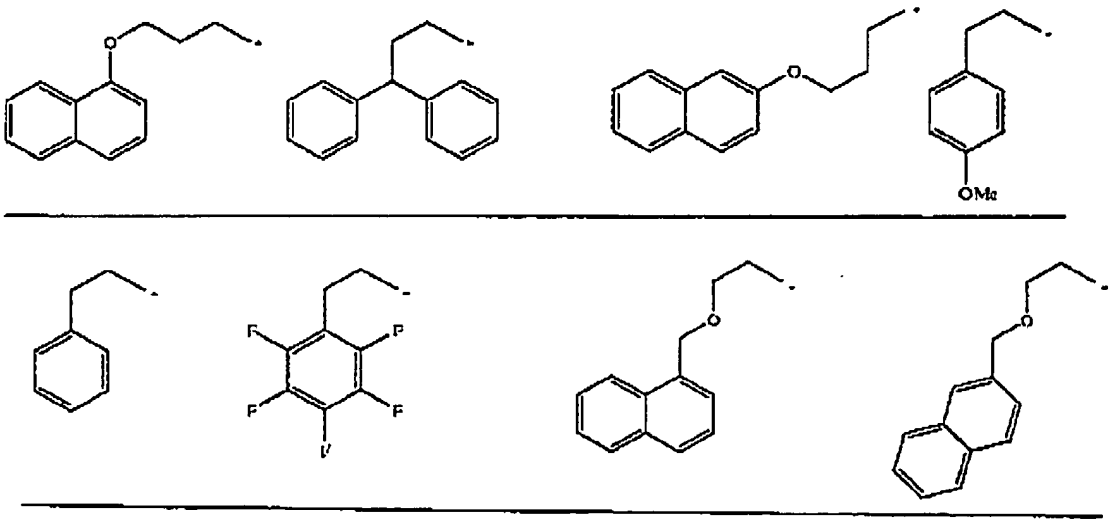
lathing or machining said rod into disks; and

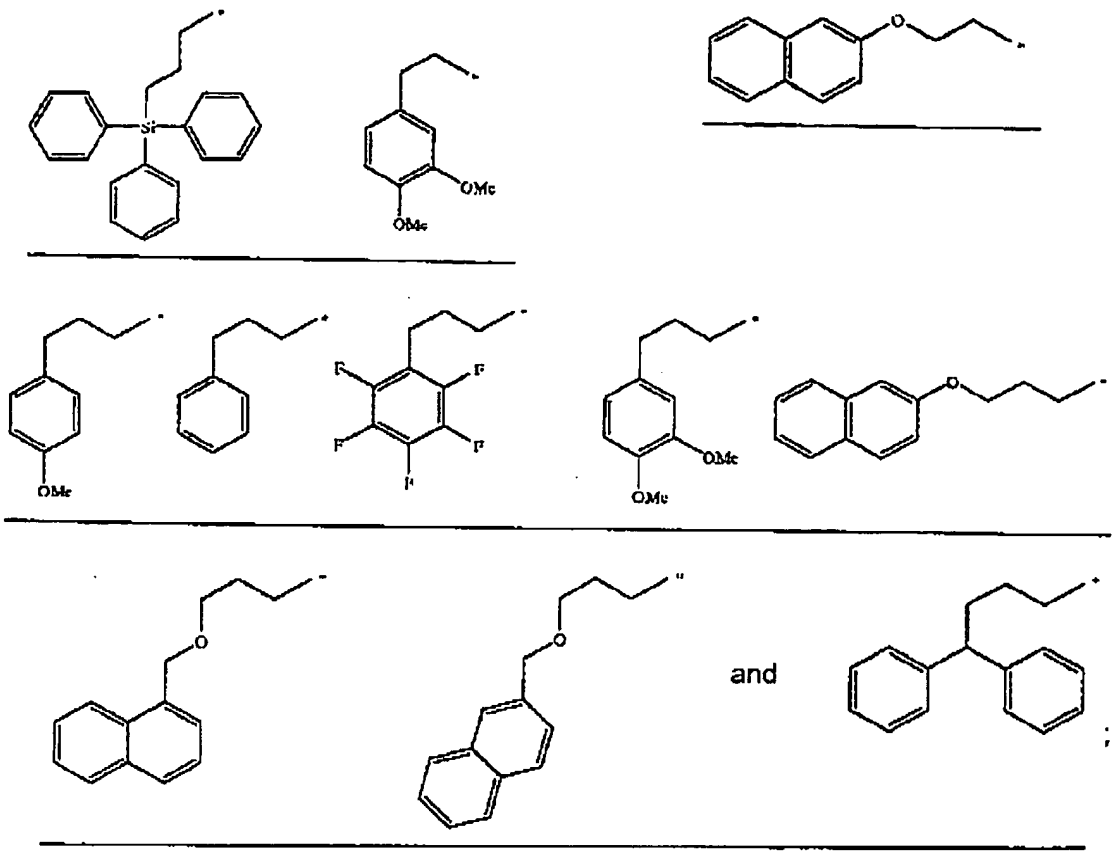
lathing or machining said disks into ophthalmic devices;

wherein said one or more polymeric compositions are produced through a polymerization of one or more non-siloxy aromatic-based monomers with one or more macromonomers having a formula of



wherein the R groups are the same or different; each R group ~~comprises an aromatic group covalently attached to a linking group~~ is selected from the group consisting of





R_1 is an aromatic-based substituent or an alkyl; x is a non-negative integer; and y is a natural number~~, said method comprising:~~

~~casting said one or more polymeric compositions in the form of a rod;~~

~~lathing or machining said rod into disks; and~~

~~lathing or machining said disks into ophthalmic devices~~.

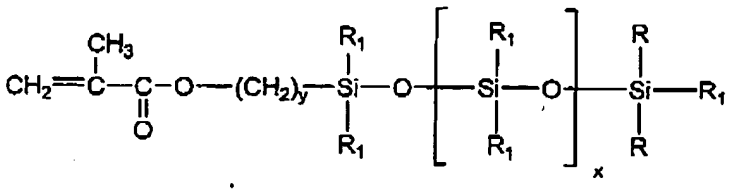
Claim 22 (currently amended): A method of producing ophthalmic devices from polymeric compositions, said method comprising:

casting one or more polymeric compositions in the form of a rod;

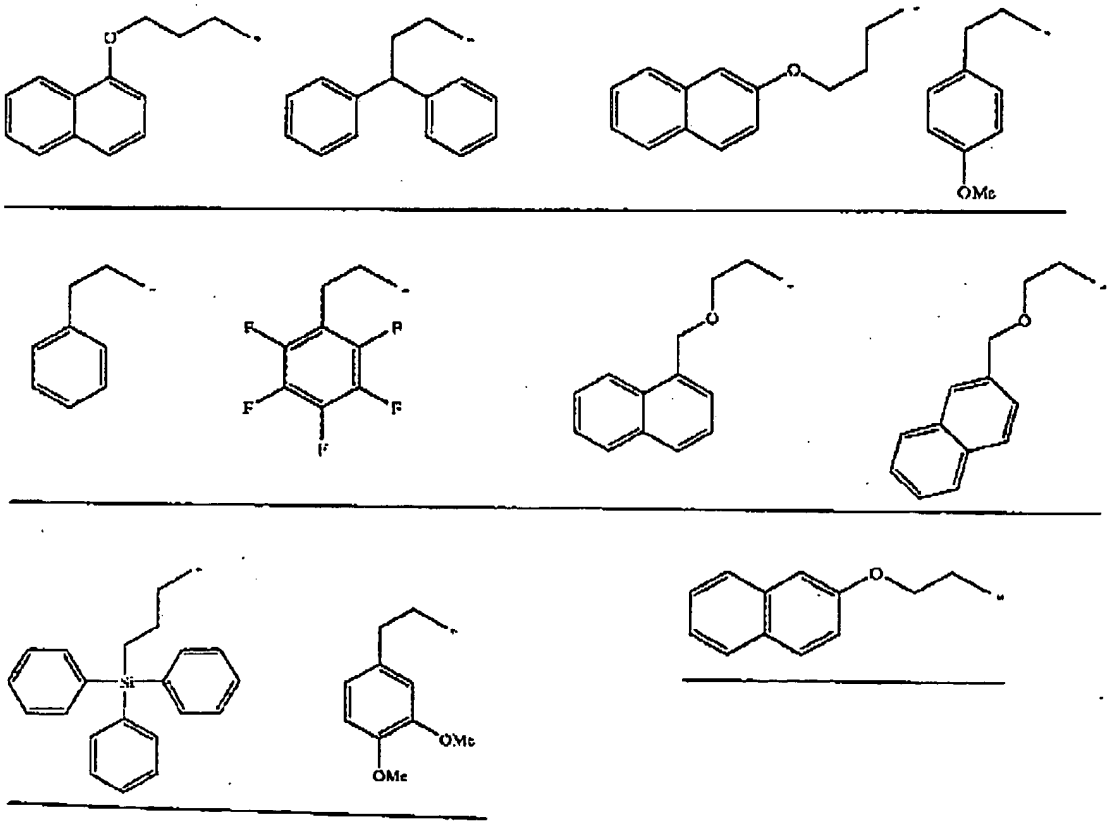
lathing or machining said rod into disks; and

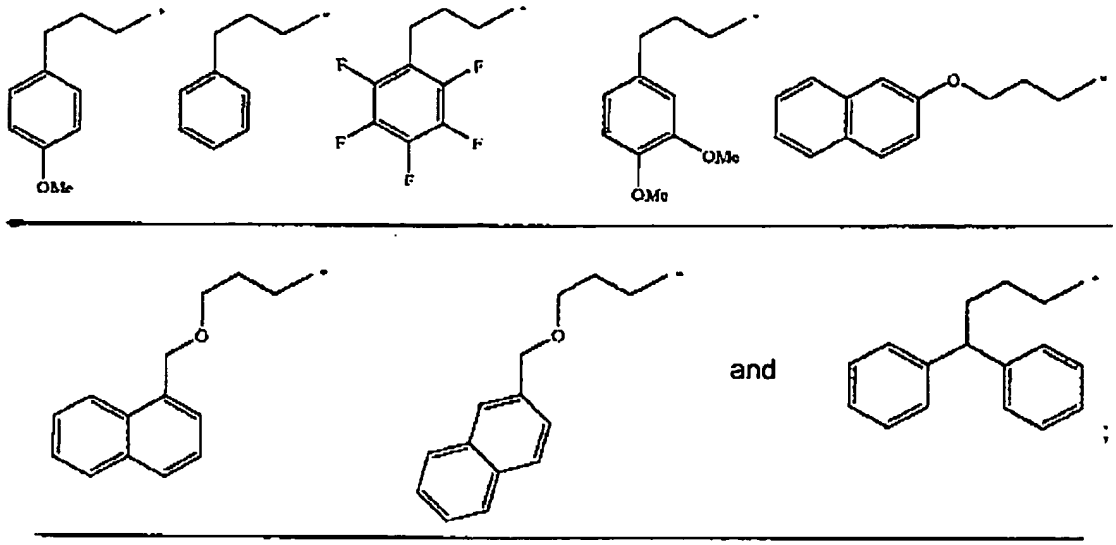
lathing or machining said disks into ophthalmic devices;

wherein said polymeric compositions are produced through a polymerization of one or more non-aromatic-based hydrophobic monomers with one or more macromonomers having a formula of



wherein the R groups are the same or different; each R group ~~comprises an aromatic group covalently attached to a linking group~~ is selected from the group consisting of





and

R_1 is an aromatic-based substituent or an alkyl; x is a non-negative integer; and y is a natural number~~, said method comprising:~~

~~casting said one or more polymeric compositions in the form of a rod;~~

~~lathing or machining said rod into disks; and~~

~~lathing or machining said disks into ophthalmic devices.~~

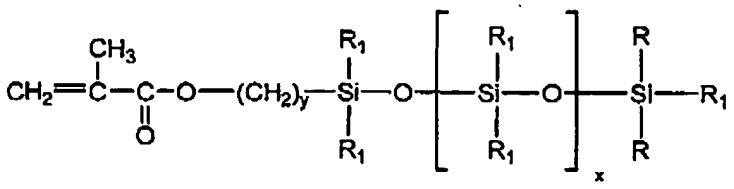
Claim 23 (currently amended): A method of producing ophthalmic devices from polymeric compositions, said method comprising:

casting said one or more polymeric compositions in the form of a rod;

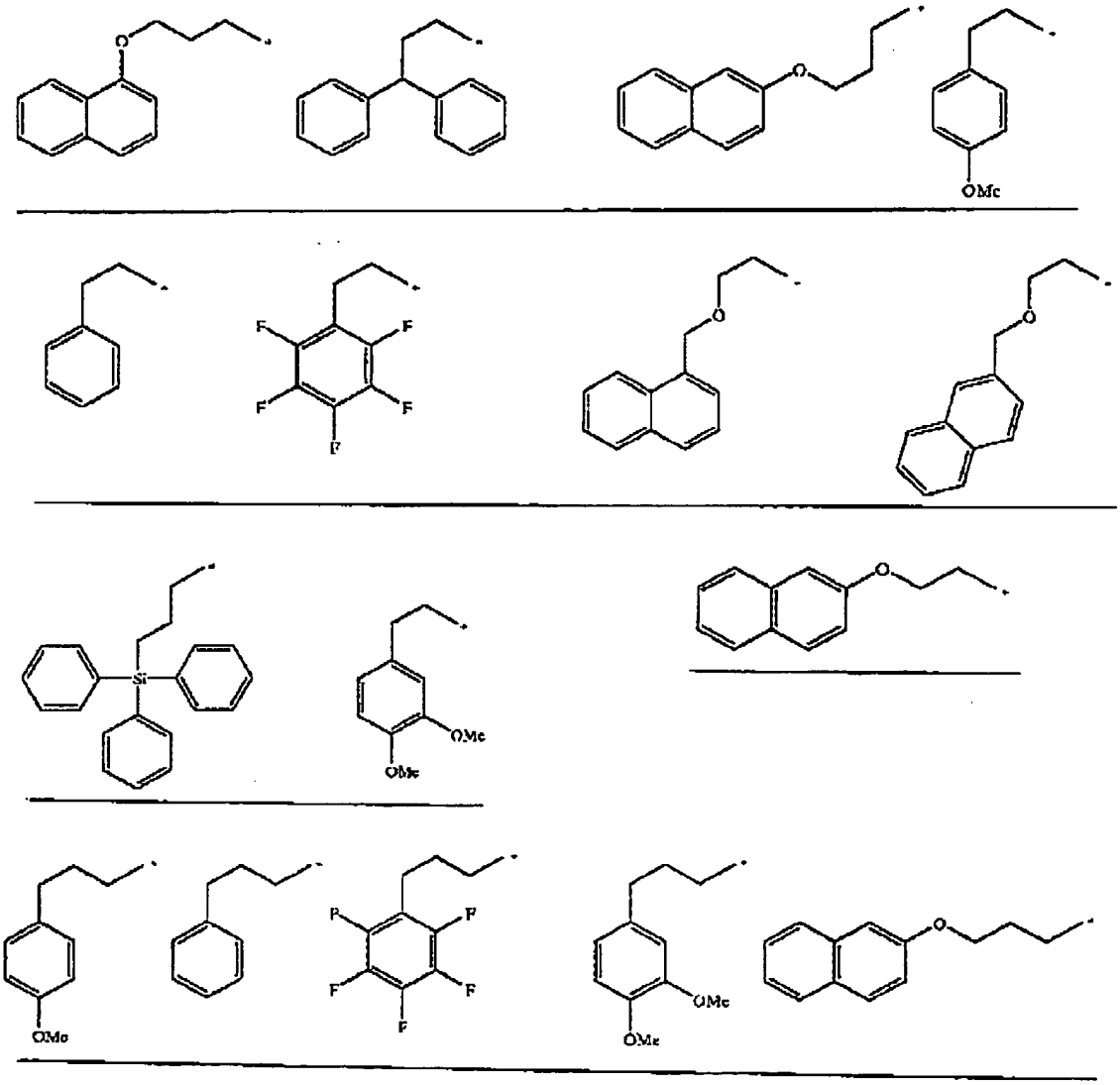
lathing or machining said rod into disks; and

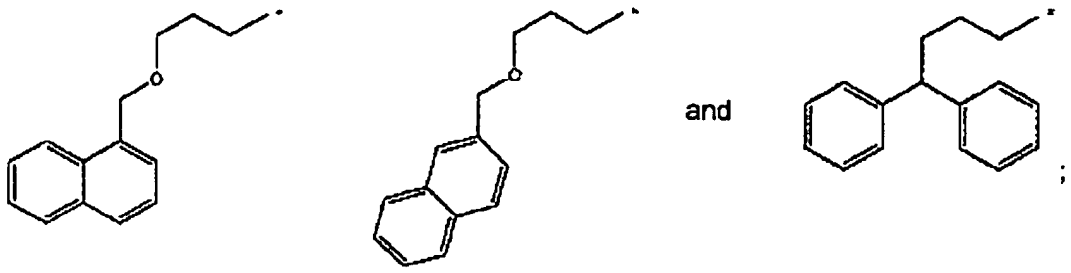
lathing or machining said disks into ophthalmic devices;

wherein said one or more polymeric compositions are produced through a polymerization of one or more non-aromatic-based hydrophilic monomers with one or more macromonomers having a formula of



wherein the R groups are the same or different; each R group ~~comprises an aromatic group covalently attached to a linking group~~ is selected from the group consisting of





R_1 is an aromatic-based substituent or an alkyl; x is a non-negative integer; and y is a natural number~~, said method comprising:~~

~~casting said one or more polymeric compositions in the form of a rod;~~

~~lathing or machining said rod into disks; and~~

~~lathing or machining said disks into ophthalmic devices~~.

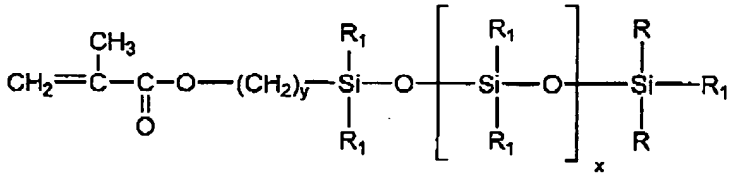
Claim 24 (currently amended): A method of producing ophthalmic devices from polymeric compositions, said method comprising:

pouring one or more polymeric compositions into a mold prior to curing;

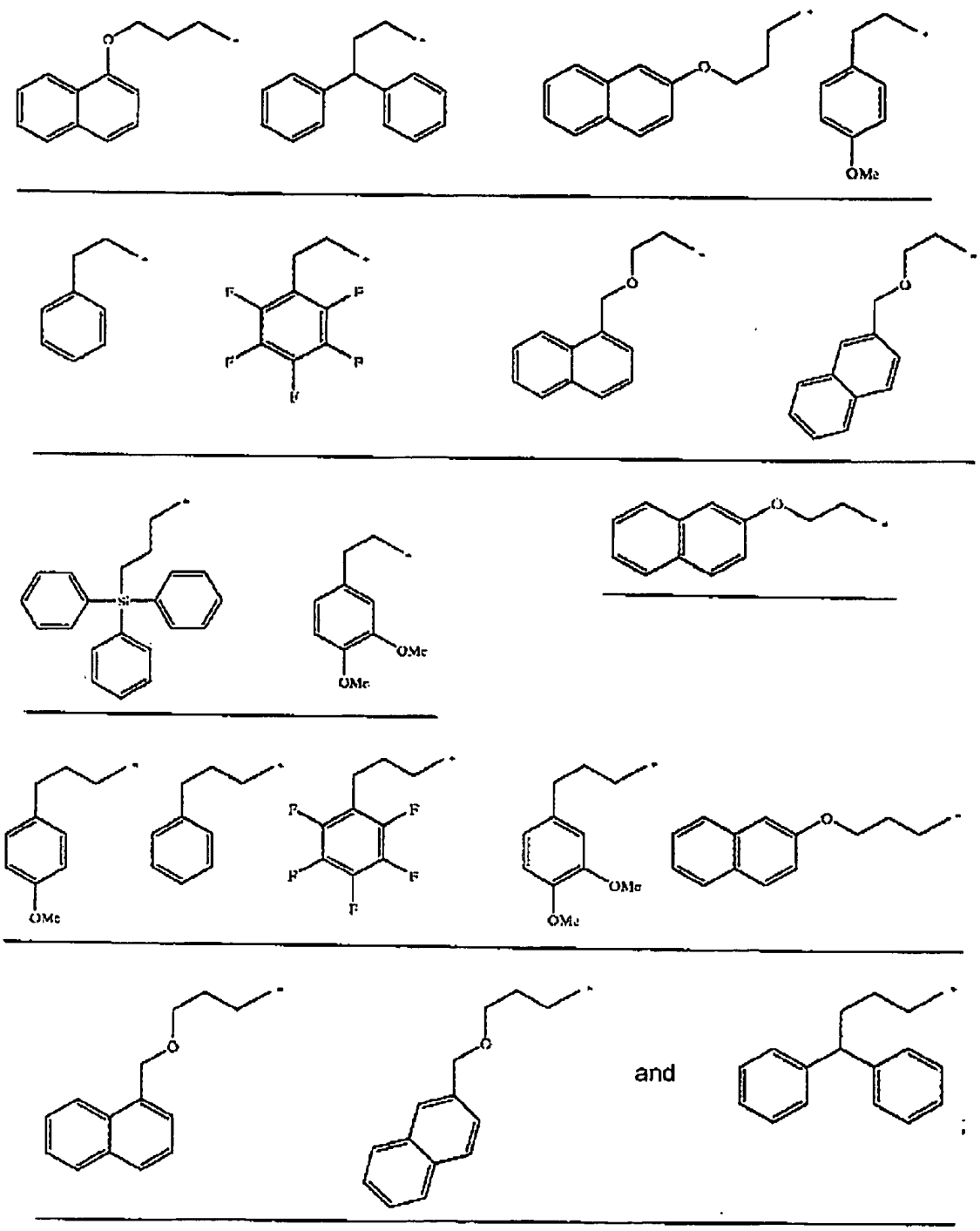
curing said one or more polymeric compositions; and

removing said one or more polymeric compositions from said mold following curing thereof;

wherein said one or more polymeric compositions are produced through a polymerization of one or more non-siloxy aromatic-based monomers with one or more macromonomers having a formula of



wherein the R groups are the same or different; each R group ~~comprises an aromatic group covalently attached to a linking group~~ is selected from the group consisting of



and

R_1 is an aromatic-based substituent or an alkyl; x is a non-negative integer; and y is a natural number~~, said method comprising:~~

~~pouring said one or more polymeric compositions into a mold prior to curing;~~

~~curing said one or more polymeric compositions; and~~

~~removing said one or more polymeric compositions from said mold following curing thereof~~.

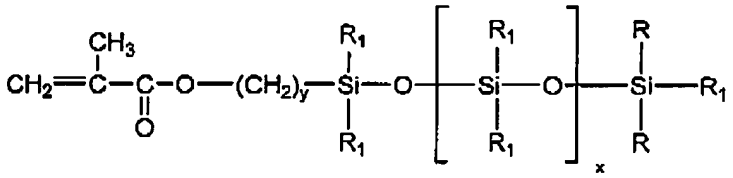
Claim 25 (currently amended): A method of producing ophthalmic devices from polymeric compositions, said method comprising:

pouring one or more polymeric compositions into a mold prior to curing;

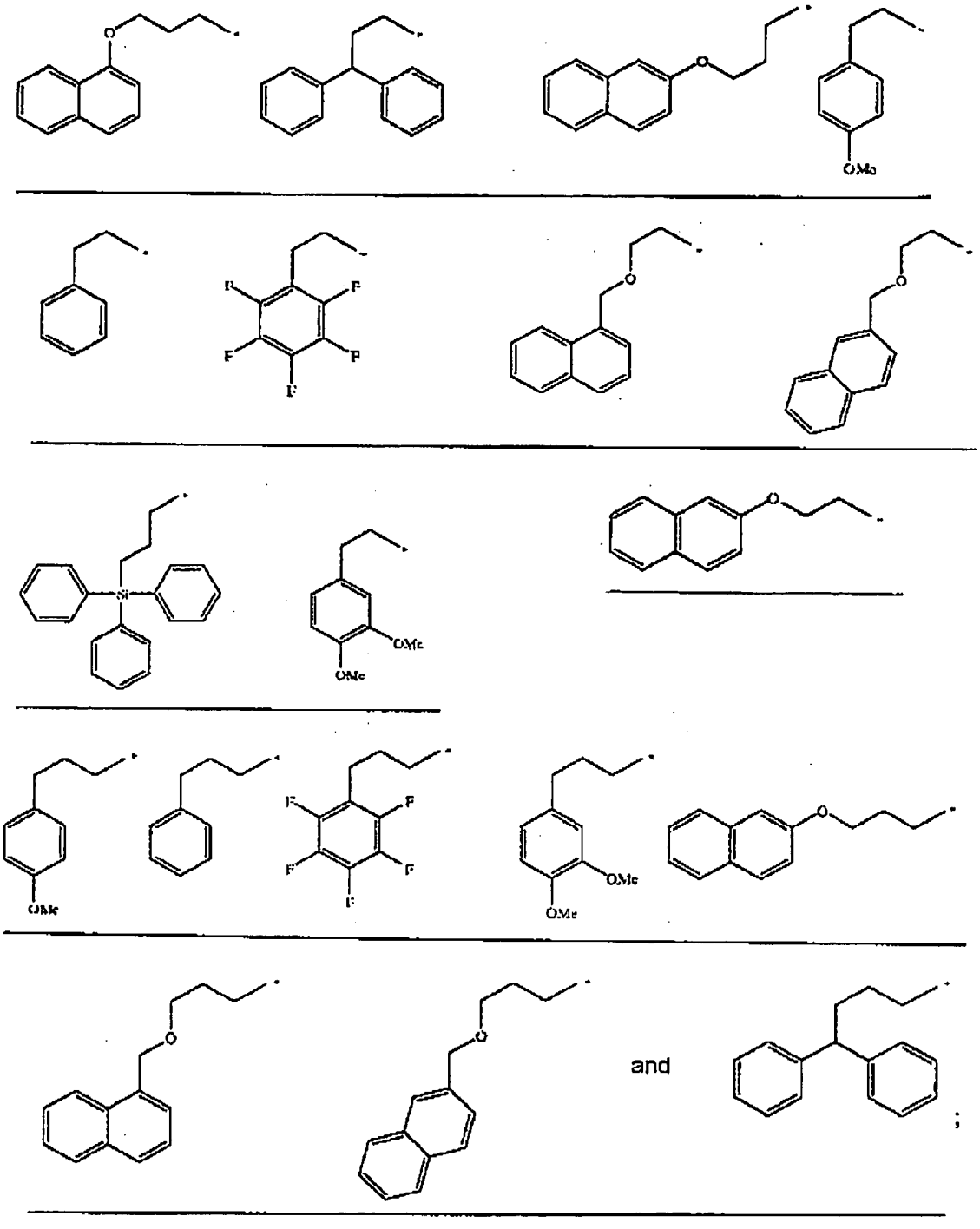
curing said one or more polymeric compositions; and

removing said one or more polymeric compositions from said mold following curing thereof;

wherein said one or more polymeric compositions are produced through a polymerization of one or more non-aromatic-based hydrophobic monomers with one or more macromonomers having a formula of



wherein the R groups are the same or different; each R group is selected from the group consisting of



and

;

R_1 is an aromatic-based substituent or an alkyl; x is a non-negative integer; and y is a natural number~~, said method comprising:~~

~~pouring said one or more polymeric compositions into a mold prior to curing;~~

~~curing said one or more polymeric compositions; and~~

~~removing said one or more polymeric compositions from said mold following curing thereof~~.

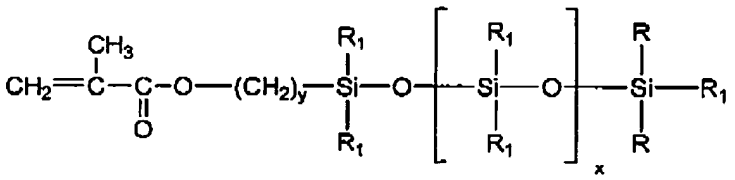
Claim 26 (currently amended): A method of producing ophthalmic devices from polymeric compositions, said method comprising:

pouring one or more polymeric compositions into a mold prior to curing;

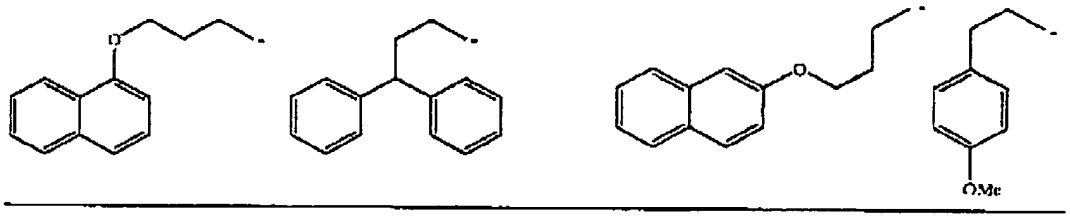
curing said one or more polymeric compositions; and

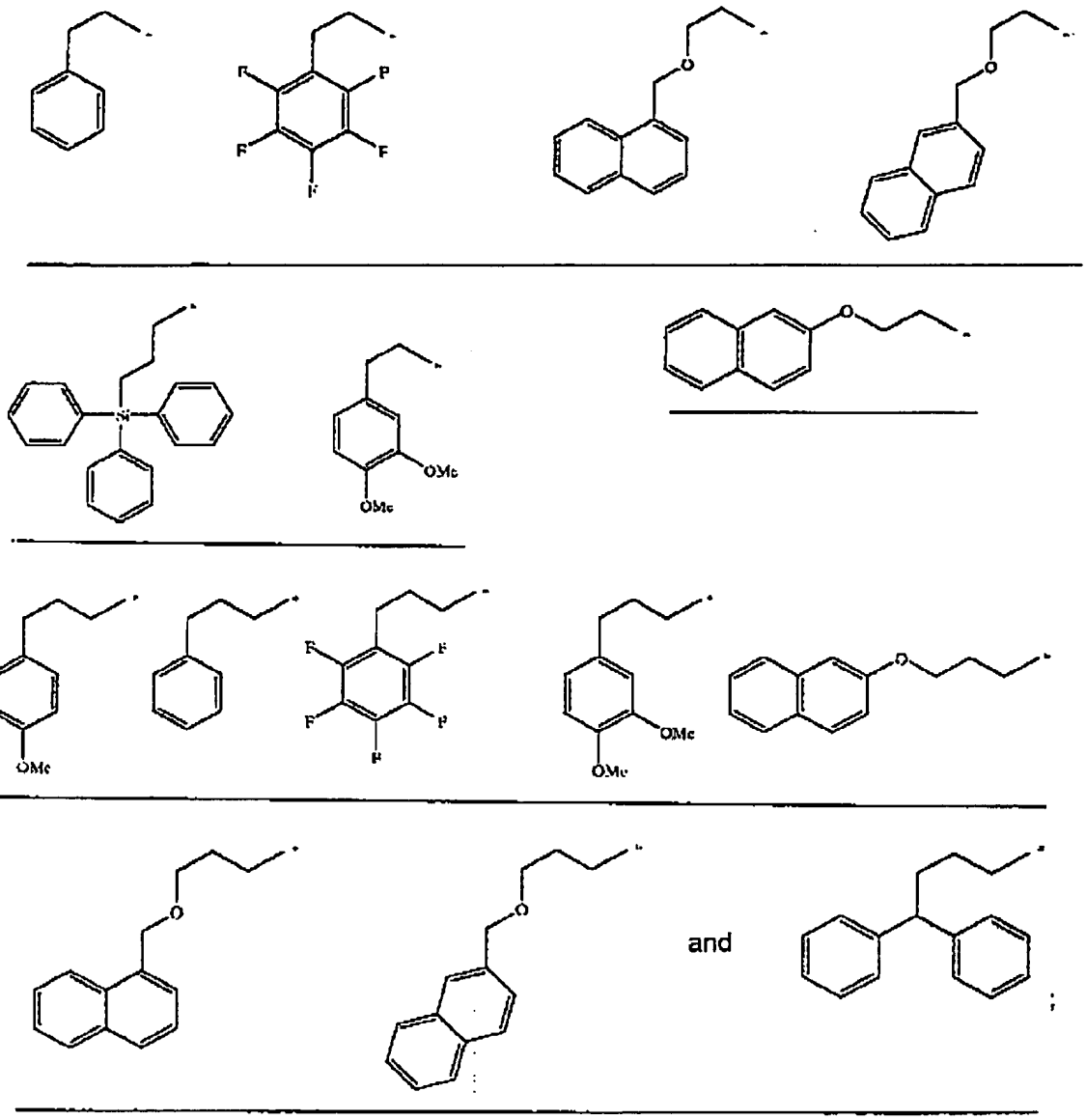
removing said one or more polymeric compositions from said mold following curing thereof;

wherein said one or more polymeric compositions are produced through a polymerization of one or more non-aromatic-based hydrophilic monomers with one or more macromonomers having a formula of



wherein the R groups are the same or different; each R group is selected from the group consisting of





and

R_1 is an aromatic-based substituent or an alkyl; x is a non-negative integer; and y is a natural number~~, said method comprising:~~

~~pouring said one or more polymeric compositions into a mold prior to curing;~~

~~curing said one or more polymeric compositions; and~~

~~removing said one or more polymeric compositions from said mold following curing thereof.~~

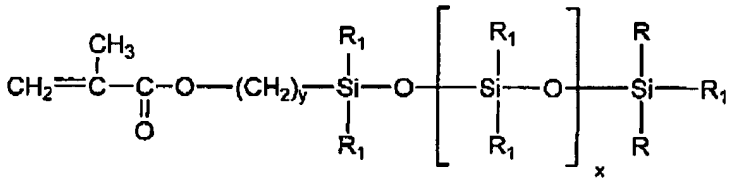
Claim 27 (new): A method of producing ophthalmic devices from polymeric compositions, said method comprising:

casting one or more polymeric compositions in the form of a rod;

lathing or machining said rod into disks; and

lathing or machining said disks into ophthalmic devices;

wherein said one or more polymeric compositions are produced through a polymerization of a material comprising one or more macromonomers having a formula of



wherein the R groups are the same or different; each R group comprises an aromatic group having a linking group that covalently attaches the aromatic group to a silicon atom; R_1 is an aromatic-based substituent or an alkyl; x is a non-negative integer; and y is a natural number; and wherein an attachment of the aromatic group to the silicon atom results from a hydrosilylation of an allylic functional group on the aromatic group.

Claim 28 (new): The method of claim 27, wherein said material further comprises a monomer selected from the group consisting of non-siloxy aromatic-based monomers, non-aromatic-based hydrophobic monomers, non-aromatic-based hydrophilic monomers, and combinations thereof.

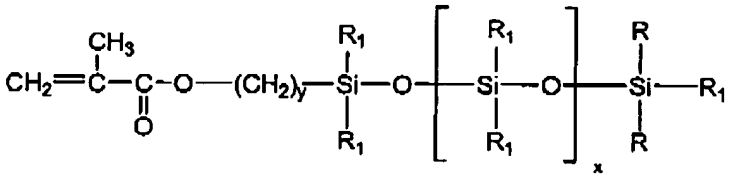
Claim 29 (new): A method of producing ophthalmic devices from polymeric compositions, said method comprising:

pouring one or more polymeric compositions into a mold prior to curing;

curing said one or more polymeric compositions; and

removing said one or more polymeric compositions from said mold following curing thereof;

wherein said one or more polymeric compositions are produced through a polymerization of a material comprising one or more macromonomers having a formula of



wherein the R groups are the same or different; each R group comprises an aromatic group having a linking group that covalently attaches the aromatic group to a silicon atom; R_1 is an aromatic-based substituent or an alkyl; x is a non-negative integer; and y is a natural number; and wherein an attachment of the aromatic group to the silicon atom results from a hydrosilylation of an allylic functional group on the aromatic group.

Claim 30 (new): The method of claim 29, wherein said material further comprises a monomer selected from the group consisting of non-siloxy aromatic-based monomers, non-aromatic-based hydrophobic monomers, non-aromatic-based hydrophilic monomers, and combinations thereof.